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|---|--|-------------|--|
| 16.P01<br><b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br>(Only for new nonprovisional applications under 37 CFR 1.53(b))  | Attorney Docket No.<br>P24816  | Total Pages |  |
| ADDRESS TO:   | Commissioner for Patents<br>Mail Stop Patent Application<br>PO Box 1450<br>Alexandria, VA 22313-1450   |             |  |
| <b>APPLICATION ELEMENTS</b>   | <b>ACCOMPANYING APPLICATION PARTS</b>  |             |  |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form<br>(Submit an original, and a duplicate for fee processing)<br><br>2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.<br>a. <input type="checkbox"/> Small Entity<br>Statement(s)<br><br>3. <input checked="" type="checkbox"/> Specification<br>(preferred arrangement set forth below) [Total Pages <u>83</u> ]<br>- Descriptive title of the Invention<br>- Cross References to Related Applications<br>- Statement Regarding Fed sponsored R & D<br>- Reference to sequence listing, a table, or a computer program<br>listing appendix<br>- Background of the Invention<br>- Brief Summary of the Invention<br>- Brief Description of the Drawings (if filed)<br>- Detailed Description<br>- Claim(s)<br>- Abstract of the Disclosure<br><br>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>9</u> ]<br><br>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>4</u> ]<br>a. <input type="checkbox"/> Newly executed (original or copy) <input checked="" type="checkbox"/> Unexecuted<br>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br>(for continuation/divisional with Box 20 completed)<br>[Note Box 6 below]<br>i. <input type="checkbox"/> DELETION OF INVENTOR(S)<br>Signed statement attached deleting inventor(s)<br>named in the prior application, see 37 CFR<br>1.63(d)(2) and 1.33(b).<br><br>6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked)<br>The entire disclosure of the prior application, from which a<br>copy of the oath or declaration is supplied under Box 5b, is<br>considered as being part of the disclosure of the accompanying<br>application and is hereby incorporated by reference therein.<br><br>7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76<br><br>8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer<br>Program (Appendix) | 9. Nucleotide and/or Amino Acid Sequence Submission<br>(if applicable, all necessary)<br>a. <input type="checkbox"/> Computer Readable Form (CRF)<br>b. Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br>ii. <input type="checkbox"/> paper<br>c. <input type="checkbox"/> Statements verifying identity of above copies<br><br>10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))<br><br>11. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br>(when there is an assignee)<br><br>12. <input type="checkbox"/> English Translation Document (if applicable)<br><br>13. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Citations<br>Statement (IDS)/PTO-1449<br><br>14. <input type="checkbox"/> Preliminary Amendment<br><br>15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br>(Should be specifically itemized)<br><br>16. <input checked="" type="checkbox"/> Figure of Drawing to be published <u>1</u><br><br>17. <input checked="" type="checkbox"/> Foreign priority claimed<br>a. <input checked="" type="checkbox"/> Claim of Priority<br>b. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)<br><br>18. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b) (2) (B) (i).<br>Applicant must attach form PTO/SB/35 or its equivalent.<br><br>19. <input checked="" type="checkbox"/> Assignee: <u>PENTAX Corporation of Tokyo, Japan</u><br><br>20. <input checked="" type="checkbox"/> Other: <u>Cover Letter Filed Under 37 Cfr 1.53(b) &amp; (f)</u><br>_____<br>_____<br>_____<br>_____<br>_____ |             |  |
| 21. If a <b>CONTINUING APPLICATION</b> , check appropriate box and supply the requisite information below and in the first sentence of the<br>specification following the title, or in an Application Data Sheet under 37 C.F.R. 1.76:<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. _____ filed _____.<br>Prior application information: Examiner: _____ Group Art Unit: _____   |  |             |  |

Address all future correspondence to **Customer No. 7055** at the present address of:

4/12/04  
Date

**GREENBLUM & BERNSTEIN, P.L.C.**  
 1950 Roland Clarke Place  
 Reston, VA 20191  
 (703) 716-1191

Bruce H. Bernstein  
 Signature  
33,094  
 Bruce H. Bernstein, Reg. No. 29,027  
 Typed or Printed Name

# FEE TRANSMITTAL

## Complete if Known

|                      |                       |
|----------------------|-----------------------|
| Application Number   | Not Yet Assigned      |
| Filing Date          | Concurrently Herewith |
| First Named Inventor | Akira YAMAMOTO et al. |
| Group Art Unit       | Unassigned            |
| Examiner Name        | Unassigned            |

TOTAL AMOUNT OF PAYMENT (\$)1,256.00

Attorney Docket Number P24816

### METHOD OF PAYMENT (check one)

1. ☒ The U.S. Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-0089

Deposit Account Name GREENBLUM & BERNSTEIN, P.L.C.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))
- ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)
- ☐ Applicant Claims Small Entity Status See 37 CFR 1.27.

2. ☒ Payment Enclosed:

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

### FEE CALCULATION (fees effective 10/01/03)

#### 1. FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid      |
|----------------|-----------------|----------------|-----------------|------------------------|---------------|
| 1001           | 770             | 2001           | 385             | Utility filing fee     | <u>770.00</u> |
| 1002           | 340             | 2002           | 170             | Design filing fee      |               |
| 1003           | 530             | 2003           | 265             | Plant filing fee       |               |
| 1004           | 770             | 2004           | 385             | Reissue filing fee     |               |
| 1005           | 160             | 2005           | 80              | Provisional filing fee |               |

SUBTOTAL (1) (\$) 770.00

#### 2. CLAIMS

| Total Claims              | Extra | Fee from below | Fee Paid |
|---------------------------|-------|----------------|----------|
| 47                        | -20=  | 27 x 18        | 486.00   |
| Independent Claims        | -3=   | 0 x 86         | 0        |
| Multiple Dependent Claims |       | 0 x 290        | 0        |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description   |
|----------------|-----------------|----------------|-----------------|---|
| 1202           | 18              | 2202           | 9               | Claims in excess of 20                                  |
| 1201           | 86              | 2201           | 43              | Independent claims in excess of 3                       |
| 1203           | 290             | 2203           | 145             | Multiple dependent claim                                |
| 1204           | 86              | 2204           | 43              | Reissue independent claims over original patent         |
| 1205           | 18              | 2205           | 9               | Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 486.00

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid |
|----------------|-----------------|----------------|-----------------|--|----------|
| 1051           | 130             | 2051           | 65              | Surcharge - late filing fee or oath  |          |
| 1052           | 50              | 2052           | 25              | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053           | 130             | 1053           | 130             | Non-English specification  |          |
| 1812           | 2,520           | 1812           | 2,520           | For filing a request for reexamination                                     |          |
| 1804           | 920*            | 1804           | 920*            | Requesting publication of SIR  |          |
|                |                 |                |                 | Prior to Examiner action   |          |
| 1805           | 1,840*          | 1805           | 1,840*          | Requesting publication of SIR after Examiner action                        |          |
| 1251           | 110             | 2251           | 55              | Extension for response within 1st month                                    |          |
| 1252           | 420             | 2252           | 210             | Extension for response within 2nd month                                    |          |
| 1253           | 950             | 2253           | 475             | Extension for response within 3rd month                                    |          |
| 1254           | 1,480           | 2254           | 740             | Extension for response within 4th month                                    |          |
| 1255           | 2,010           | 2255           | 1,005           | Extension for response within 5th month                                    |          |
| 1401           | 330             | 2401           | 165             | Notice of Appeal   |          |
| 1402           | 330             | 2402           | 165             | Filing a brief in support of an appeal                                     |          |
| 1403           | 290             | 2403           | 145             | Request for oral hearing   |          |
| 1451           | 1,510           | 1451           | 1,510           | Petition to institute a public use proceeding                              |          |
| 1452           | 110             | 2452           | 55              | Petition to revive unavoidably abandoned application                       |          |
| 1453           | 1,330           | 2453           | 665             | Petition to revive unintentionally abandoned application                   |          |
| 1501           | 1,330           | 2501           | 665             | Utility issue fee (or reissue)   |          |
| 1502           | 480             | 2502           | 240             | Design issue fee   |          |
| 1503           | 640             | 2503           | 320             | Plant issue fee  |          |
| 1460           | 130             | 1460           | 130             | Petitions to the Commissioner  |          |
| 1807           | 50              | 1807           | 50              | Petitions related to provisional applications                              |          |
| 1806           | 180             | 1806           | 180             | Submission of IDS  |          |
| 8021           | 40              | 8021           | 40              | Recording each patent assignment per property (times number of properties) |          |
| 1809           | 770             | 2809           | 385             | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810           | 770             | 2810           | 385             | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801           | 770             | 2801           | 385             | Request for Continued Examination (RCE)                                    |          |
| 1802           | 900             | 1802           | 900             | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

SUBTOTAL (3) (\$) 0.00

\*Reduced by Basic Filing Fee paid

### SUBMITTED BY

Typed or Printed Name Bruce H. Bernstein

Signature

Date

4/12/04

### Complete (if applicable)

Reg. Number

29,027

Deposit Account User ID

P24816.P03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Akira YAMAMOTO et al.

Serial No :Not Yet Assigned

Filed : Concurrently Herewith

For : METHOD FOR CULTURING CELLS, CELL CULTURE CARRIERS AND CELL  
CULTURE APPARATUS

**COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION  
FILED UNDER 37 C.F.R. 1.53(b) and 1.53(f)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b) and 1.53(f) in which the Declaration and Power of Attorney attached thereto are in unexecuted form. A properly executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

Related to the above, this application should be associated with Customer Number 7055, which includes the present correspondence address as follows:

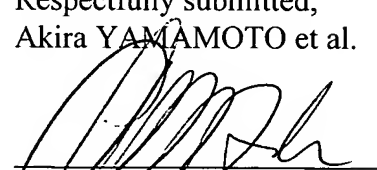
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191

The above-identified application includes:

- fl.*  
*Amot*
- ~~83~~ pages of specification with abstract.
  - 9 sheets of drawings with ~~11~~ figures.
  - 47 total claims and 3 independent.
  - an unexecuted Declaration and Power of Attorney.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Akira YAMAMOTO et al.

  
\_\_\_\_\_  
Bruce H. Bernstein  
Reg. No. 29,027

*Reg. No. 33,094*

April 12, 2004  
GREENBLUM & BERNSTEIN, P.L.C.  
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